

EUROPEAN PATENT OFFICE

Patent Abstracts of Japan

PUBLICATION NUMBER : 07085890
PUBLICATION DATE : 31-03-95

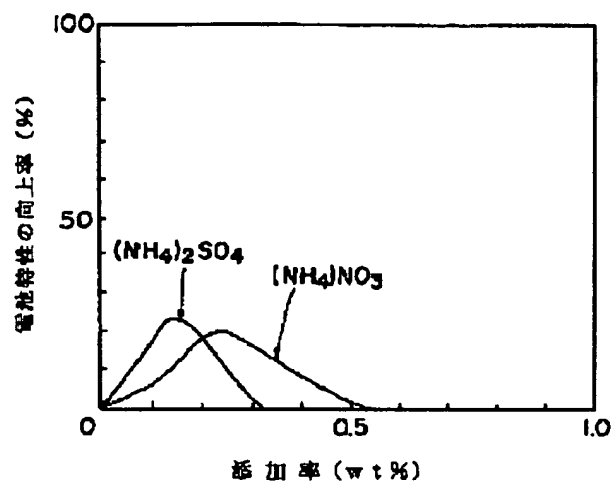
APPLICATION DATE : 17-09-93
APPLICATION NUMBER : 05230668

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INT.CL. : H01M 10/40 H01M 4/02

TITLE : LITHIUM SECONDARY BATTERY



ABSTRACT : PURPOSE: To improve the battery characteristic (capacity, cycle characteristic, high-current-density resistance, high-operating-voltage resistance) of lithium secondary battery.

CONSTITUTION: As a positive electrode of a lithium secondary battery, lithium-metal compound oxide, to which nitrate or sulfate at 1% or less of weight ratio is added, is used. Negative ion of nitrate or sulfate (NO_3 or SO_4^{2-}) is left in the lithium-metal compound oxide to separate the interface. Contact of the active material with the electrolyte is thereby hindered to prevent the decomposition of the electrolyte, and the battery characteristic is improved.

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